



## CITY OF FRISCO PURCHASING DIVISION

May 22, 2013  
Addendum #1 – “Additional Information” & “Questions & Answers”  
Competitive Sealed Proposal #1305-052  
Geographic Information Systems – Data Conversion Services

### Due Date

This Addendum does not change the due date for this RFP. **The due date remains June 4, 2013 @ 2:00pm CST.**

### Addition

Under Section **IV REQUIRED SUBMITTALS** in the RFP, please add the following section to required submittal information:

**Section 8: Supplemental Information Forms**

### Questions and Answers

1. There are several “Supplemental Information” Forms required by the RFP; would you please confirm whether or not these forms are included in the page limit?
  - a. No. The Supplemental Information Forms are not included in the page limit. Please submit them in Section 8: Supplemental Information Forms.
2. How would the City like to receive the Signature Form located on page 39 of the RFP – as the Cover/Title Page, or included with the other required forms?
  - a. Please include the Signature Form in Section 8: Supplemental Information Forms.
3. Page 9 of the RFP states that an Evidence of Insurance is required, and page 16 states that it is not. Would the City please clarify? If the Evidence of Insurance is required, will it be included in the page limit?
  - a. Evidence of Insurance is not required.
4. City has provided samples of CAD drawings for the sample areas. Will the standards (layer names, blocks and attributes) that are used in these samples be used on all future projects?
  - a. AutoCad Construction Plans may not be georeferenced and are not required to conform to a CADD standard.
5. ESRI's database structures have defined several field names as invalid as they are reserved words and conflict with ESRI software. Some of these are YEAR, SIZE. Will the City accept variations to these attribute field names?
  - a. YEAR and SIZE are valid field names in Shapefile and File Geodatabase formats. In a personal geodatabase, YEAR\_ and SIZE\_ will be accepted as alternates.

6. In the case of nodes for the various features, does the TYPE field provide a main classification and the DESC field record the sub classification of the Type? Is the City's SDE database using a subtype schema?
  - a. The TYPE field does provide a main classification while the DESC field contains a description of the feature type. The City maintains 2 vector databases using different schemas, and uses internally developed tools to import features using schema supplied in Exhibit A into each database.
7. Is the City open to recommendations to the database schemas?
  - a. No.
8. In the case of unidirectional-way flow systems such as Sanitary, Storm and Reclaimed Water networks, is it required that the piping be digitized in the flow direction?
  - a. Yes.
9. In review of the GPS points related to the water system, the GPS point data does not delineate a hydrant valve from a system valve. Can it be assumed that the hydrant assembly valve is the valve closest to the hydrant? Shall the hydrant assembly to be digitized with a perpendicular connection to the water main from the assumed hydrant valve?
  - a. In the supplied Water Valve GPS data, a type of 0 is a gate valve, 1 is a hydrant valve, and 4 is an air release valve. Hydrant valves should also be the closest valve to the hydrant. The hydrant assembly should be digitized with a perpendicular connection to the water main from the hydrant valve.
10. Do you have a budget for this particular project?
  - a. Between the City of Frisco and the Town of Prosper, approximately \$36,000 was budgeted in FY 2013. These are not actual expenditures or a commitment of funds. The City of Frisco is currently in the budget review process for FY 2014.
11. If you had a similar project previously, who won the project?
  - a. RamTech Software Solutions, Inc., 106 E Chestnut Street, Stillwater, MN 55082.
12. What was the winning price for that project?
  - a. The previous project was under an awarded RFP. Information regarding this submittal would require a Public Information request. Please see the City Secretary's website regarding this process at: <http://friscotexas.gov/government/citySecretary/Pages/PublicInformation.aspx>
13. Could you please give us the plan holder's list?
  - a. RamTech Software Solutions, Inc., DQSI Corporation, Weston Solutions, Inc., Avineon, Inc., Sanborn, Byers Engineering Company, NIT Technologies, Inc., FPM Group, LTD, NTB Associates, Inc., United Geotechnologies, Calvin, Giordano & Associates, Inc., ENTRIX Inc. Southwest, GeoComm, Geographic Technologies Group, Inc., Insight Global, Inc., Midwestern Consulting, LLC, and Pro-West & Associates, Inc.
14. What are the inputs you are going to provide if one wins the bid?
  - a. Inputs provided if one wins the bid will generally resemble those provided for the test project.

15. In the specification document, Installed date field input form is mentioned as "Provided by City". As we have not received any specific date with the source, can we use the As-Built drawing date as Installed date (11/28/2012) for the test project?
  - a. The Install Date for this project is 1/3/2013.
16. In the specification document, Project\_NO field input form is mentioned as "Provided by City". As we have not received any specific information with the source, can we use the code CS12-0005 from As-Built drawing for the test project?
  - a. Yes. CS12-0005 is the correct project number for the test project.
17. We have not found any re-claimed water details pertaining to this HIGHLAND RIDGE PHASE2 test project. Can we assume the effort for re-claimed water conversion to be similar to that of water for estimation purpose?
  - a. Yes. Reclaimed water and water data and conversion effort should be very similar.
18. We understand from the Exhibit 'A' – GIS Parcel Database Design that parcel attribute information does not need to be captured. Please confirm this.
  - a. Correct. Parcel attribute information does not need to be captured.
19. In Exhibit 'B' COST PROPOSAL, column "Units Per Month" it is mentioned as approximate quantity and may vary for each delivery. Can the City provide any information about the minimum or maximum units per month?
  - a. The City generally sends out 4-6 deliveries for conversion per year to help ensure that each delivery contains a manageable number of projects (generally 12-20 projects).
20. In Exhibit 'B' COST PROPOSAL, column "Source Document" it is mentioned as only AutoCAD. Does this mean that the successful Firm must use AutoCAD only and not the NCTCOG or GPS data?
  - a. AutoCAD will be the primary source for information to be converted, with related PDF record drawings available for reference as well as GPS and NCTCOG aerial information for spatial reference.
21. Would City provide us with the GIS Data model in case the deliverable is opted for Geodatabase?
  - a. Qualified vendors should be able to interpret database design detailed in Appendix A to create and provide data in a Geodatabase if that is their preferred delivery method.
22. The City states in regards to the production site "The City is agreeable to contracting with a domestic U.S.A. company that has an offshore production facility". Is the City also agreeable to a Prime being a domestic U.S.A. company with an offshore subcontractor?
  - a. The Prime contractor may use an offshore subcontractor provided the Prime contractor remains the primary point of contact for the Frisco staff. Company Background, Production Site, and Quality Assurance/Quality Control information requested for the Contractor should also be included for any subcontractors used.
23. Are there metadata requirements?
  - a. No Metadata will be required.
24. Can the City provide historical project volumes for the past few years (volume by month, average number of sheets per single plan set for each month, etc.)?

- a. The City generally sends out 4-6 deliveries for conversion per year to help ensure that each delivery contains a manageable number of projects (generally 12-20 projects).
25. Is Insurance required for this project?
- a. No.
26. Will the construction plans received during the project adhere to a CADD standard?
- a. Construction plans received during the project may not be georeferenced and are not required to conform to a CADD standard.
27. Features extracted from supplied CAD drawings have slight positional deviation with respect to the GPS utility reference data. Please clarify whether Supplier needs to adjust this minor deviation?
- a. Features should be adjusted to supplied GPS locations.
28. The RFP states that the As-built record drawings/construction plans in PDF format are supplied for the Test project; however, the details shown on the supplied Plans are the same as that in the AutoCAD DWG files. Is this correct?
- a. AutoCAD and PDF format versions of the record drawings have both been supplied, and should match.
29. Are the supplied PDF construction plans required to be georeferenced based on the GPS reference data supplied and are the geo-referenced plans deliverable to the City?
- a. AutoCAD and PDF are both supplied for reference in converting plans to GIS format. The only desired deliverables are final GIS data.
30. The Construction plans received as part of the Test file is for 'Highland Ridge Phase 2', while the CAD drawings contain more areas covered other than the Highland Ridge Phase 2 plans. For response purposes, can the bidders extract the features only for the area as shown in the construction plan PDF for the test sample?
- a. Only features created by/constructed with Highland Ridge Phase 2 should be converted and delivered as part of the test sample.
31. It is observed that layers V-PVMT-CONC and V-STRM-CNTR are present in the CAD drawing. Can Supplier assume that these layers are not required to be extracted into GIS layers?
- a. Correct. All layers showing features in previously developed adjoining projects should not be extracted into GIS layers as a part of the test project.
32. The Construction plan PDF supplied also includes the 'Paving Plans & Profile' drawings. Can Supplier assume these as not part of the deliverable of this project and conversion/extraction of pavement and Right of Way is not in the scope of work?
- a. Right of Way polygons should be included as Parcels as noted in Exhibit A. Pavement is not in the scope of work.
33. Can it be assumed that any real world changes at the time of the construction would be marked in the construction plans and there is no need to refer to any additional documents in this project?
- a. Yes.
34. As indicated in Exhibit A, supplier will need to capture the subdivision text attribute. Can you indicate from where Supplier should take the Sub-division name and which format is to be used?

- a. Subdivision name and phase, in correct format, can be found on each page of the construction plans in the Test Project data.
35. In drawing ACAD-12-054-ws our understanding is that the green color line in the layer c-watr-pipe represents water lines. Is this assumption correct?
- a. Construction plans received during the project are not required to conform to a CADD standard. As such, ability to correctly interpret data provided is considered part of the Test Project.
36. For every feature, the supplier would need to capture project\_no as an attribute. Our understanding is that the project for the given sample is given in PDF and is "FP 12-0033". Is this correct?
- a. Project number for project is shown on front page of plans as 'CS12-0005'.
37. The supplier will need to provide installation date for each of the feature as an attribute. Can the installation date be taken as As-built drawing date?
- a. The Install Date for this project is 1/3/2013.
38. Confirm that the As-built year for attributes of various features is taken from the signature stamp and the supplier only captures the year.
- a. Year from Install Date provided (1/3/2013) may be used.
39. Where/how in the data does it indicate if the pipe is encased?
- a. If a pipe is encased, it will be indicated as a note on the construction plans.
40. Where can the supplier locate the attributes for the water service lines, water lines, sanitary lines, sanitary service, storm lines, and the reclaimed water and what are the default sizes if no DIA is show on the drawing?
- a. Typical Water and Sanitary Service details are indicated in the General Notes section of the construction plans. If no size is indicated for Water Lines, Sanitary Lines, or Storm Lines, values of null or 0 will be accepted.
41. Where in the data can the attribute "COVER" be located for sanitary node?
- a. COVER is ground cover around sanitary node and will typically be Paved as indicated on page 35 of the RFP.
42. In ACAD-12-054-ws.dwg, what do the highlighted notations represent in sanitary service?
- a. The highlighted notations are not related to sanitary services.
43. Where is the layer Reclaimed Water Lines in the data provided in the RFP?
- a. Reclaimed Water data is not present in the test project. For estimation purposes, assume the effort for re-claimed water conversion to be similar to that of water.
44. In ACAD-12-054-ws.dwg what do the highlighted symbols indicate?
- a. The layer C-RWAY-IRONS represents iron rods to be set and is not part of the conversion project. The layer Defpoints represents direction/curve changes.
45. Please quantify the number of parcels along with utility information in GIS using ESRI's ArcSDE. What is the scope of this existing data in ESRI format? Do we need to verify this existing data with Construction plans?
- a. Existing parcel and utility information will not need to be verified with construction plans.

46. Please quantify the total number of Project plans (construction plans) from which data need to be created.
- a. Total number of projects will vary based on development within the City of Frisco.
47. Please confirm that the scope of work is to create new parcel and utility data (using construction plans and orthophotographs) for new projects which are not there in existing ESRI GIS format.
- a. Correct.
48. Do the inside plant details such as pump station, treatment plants, etc. need to be created from the construction plans?
- a. Inside plant details do not need to be created.
49. Is there any other source other than CAD and PDF from which data needs to be linked/verified?
- a. No.
50. Are there any business rules to be followed for data creation?
- a. Features not shown in the plans will not need to be created.
51. Will the City of Frisco provide the Geodatabase schema in ESRI format (for test data and project) or does the vendor need to prepare the schema using the layer information given in Exhibit A of RFP?
- a. The vendor should prepare the layers based on the information given in Exhibit A.
52. In case there is a mismatch between AutoCAD and PDF construction plan, which source data (CAD or PDF) will be the final source of reference for converting and verifying data?
- a. AutoCAD and PDF will be verified as matching before sending for conversion.

Proposers are required to acknowledge receipt of this addendum by initialing in the appropriate space on the proposal document. The due date for this RFP remains June 4, 2013 by 2:00pm CST.

Vendors who may have already submitted a proposal and feel this addendum may change their proposal, may pick up their proposal, and return it by the closing date. If picking up the proposal is not feasible, any new proposal submitted by your firm will supersede one previously submitted.

Acknowledge receipt of this addendum by initialing in the appropriate space on the proposal document. If there is a discrepancy between this addendum and the proposal, the addendum prevails.

Sincerely,

Jean Stelatella, CPIM, CPPB  
Sr. Buyer  
City of Frisco